

DESIGN ENGINEERING

1985

EDITORIAL INDEX

ASSEMBLY

- New fasteners and adhesives: 24 solutions to assembly problems Mar p12
Springs: the choice is yours Mar p18

AUTOMATION

- OEM guide to programmable controllers Jun p32
MAPping out the future Jun p32
Understanding MAP Jun p33
Product guide to programmable controllers Jun p34
Design for automation Nov p13

CAREERS

- Company culture: look before you leap Jan p26
Laid off? Should you fight or flee? Mar p52
Career planning essential for baby boomers ... May p48
What you don't know about the job market can hurt you Jul p120
The dangers of subprofessional jobs Sep p44
How to interview a job applicant Nov p30

DESIGN OFFICE

- Starting small: low end CAD gives you more bang for the buck Feb p10
How micrographics cut costs for Litton Feb p19
Design dynamics: Turning design problems upside down: Prodomax Ltd. Mar p29
Design dynamics: Making a case for high technology: North American Strong Box Apr p21
Design dynamics: Quality wins Canadian dryer big export sales: Avmor Ltd. May p25
Design dynamics: Ergonomics make kettle hot seller: Wesston Appliances Jun p42
Artificial intelligence Aug p12
Design dynamics: Treadle maker designs transit data systems: London Mat Ltd. Sep p28
Secrecy: what you do know can hurt you Oct p16
Design dynamics: Steerable drive propels B.C. firm towards profits: Ulstein Maritime Ltd. Oct. p25
Design dynamics: Canadian firm finds a hot spot in the consumer market: Heron Cable Industries Ltd. Dec. p27

ELECTRICAL AND ELECTRONIC

- In the chips: Ontario offers help with microelectronics Jan p9
Micronotes: Engineers shoulder key role Feb p16
Micronotes: Slow response to technology Mar p30
Micronotes: Chip revolution challenges engineers Apr p44
Special supplement: Computers in Industry ... May p24
Non-contact sensors May p26
Sensors and switches product guide May p27
Micronotes: Tearing up traditional rulebooks .. Jun p41
New directions in the fluid power/electronic interface Jul p18
Electronic modules ensure the price is right ... Aug p16
Micronotes: Choosing international success ... Sep p30
Micronotes: How to cost justify semicustom chips Nov p27
Motor report: electrical Dec p15

FLUID POWER

- Making the most of manifolds Apr p15
New directions in the fluid power/electronic interface Jul p18
Proportional valves product guide Jul p20
Pneumatics thrive in the electronic age Jul p21
Canada's Fluid Power and Controls Buyers' Guide 1985/1986 Jul p23
Fluid power: economical automation Nov p24
Motor report: hydraulic Dec p28

MATERIALS

- Cut costs by cold rolling bar and wire Jan p12
Seals to suit special needs Mar p23
Plastics prominent in new design ideas Apr p13
Plastic puts more go into go-karts Apr p13
Polymer chosen for projector housing Apr p13
Reinforced plastics on rising curve Apr p13
Industry predicts growing uses for plastics Apr p13
Double-walled tank has glass fiber insulating core Apr p38
New, longer life miner's lamp Apr p38
Making the most of gold Aug p16
Materials report Dec p12

MECHANICAL POWER TRANSMISSION

- Synchronous belts outpull V-belts to save energy dollars Jan p10
Today's trends in brakes and clutches May p32
Bearing report Jun p22
New bearing design boosts efficiency Jun p22
Designed for demanding requirements Jun p23
Heavy-duty angular-contact bearings Jun p23
Self-lubricating bearing material Jun p24
New mounted ball bearings Jun p24
Bearings play vital role in offshore drilling Jun p24
Recirculating ball linear guidance element Jun p25
Metric cam follower bearings Jun p25
Pillow block bearings for food industry Jun p25
Computer program simplifies bearing selection Jun p28
Custom-designed bearings Jun p28
New roller thrust bearings Jun p54
Flange bracket bearings save space Jun p54
Isolating shock and vibration on rotating equipment Sep p24
Avoiding seal failure in bearings Oct p22
Mechanical Power Transmission Buyers' Guide 1985/1986 Oct p29

MISCELLANEOUS

- Preview: Design Engineering Conference Feb p22
Preview: Design Engineering Show Feb p23
Production Show '85: A Design Engineer's Guide Apr p18
Pre-Show Guide: the fourth Canadian CAD/CAM & Robotics Show May p16
Bringing ideas to market Aug p16
Design Product Showcase Sep p12
Consulting giant gets down to business Nov p11
Personality of the year: Profile of Walter Light Dec p30
1986 Calendar of events Dec p26